



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag

European
Patent Office

Branch at
The Hague

Office européen
des brevets

Département à
La Haye

ExxonMobil Upstream
Research Company
Attn. Mr J.Paul Plummer
P.O.Box 2189
Houston, Texas 77252-2189
UNITED STATES OF AMERICA

RECEIVED

JUL 02 2004

URC LAW

Aktenzeichen/File No./No. du Dossier

RS 110737 US

Datum/Date

24 JUN 2004

Das Europäische Patentamt übermittelt hiermit den Standardrecherchenbericht zu dem unten bezeichneten Antrag; Kopien der im Recherchenbericht angeführten Schriften werden in der Anlage beigelegt.

The European Patent Office herewith transmits the Standard Search Report relating to the request indicated below; copies of the documents cited in the search report are enclosed.

L'Office Européen des Brevets à l'honneur de vous transmettre ci-joint le Rapport de Recherche concernant la demande désignée ci-dessous; des copies des documents cités sont jointes.

Zeichen und Datum des Antrages Applicant's reference and date Références et date de la demande	2003UR039
Dokument, Gegenstand der Recherche Document subject of the search Objet de la recherche	USP 51795503
Einreichungstag Filing date Date de dépôt	06/11/2003
Beanspruchte Priorität Priority claimed Priorité revendiquée	

OFFICE EUROPÉEN DES BREVETS
Pour le Vice-Président,

S. Butler



DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	EP 0 963 035 A (CAPSTONE TURBINE CORP) 8 December 1999 (1999-12-08) * the whole document *	1-4,7-11
Y	US 3 780 534 A (BIAVA D ET AL) 25 December 1973 (1973-12-25) * figure 1 * * abstract * * claims 1-13 *	1-4,7-11
A	US 6 484 490 B1 (OLSEN ANDREW J ET AL) 26 November 2002 (2002-11-26) * figure 1 * * abstract * * column 4, line 37 - line 62 * * claims 1-22 *	1,2,8,9
A	EP 0 529 307 A (AIR PROD & CHEM) 3 March 1993 (1993-03-03) * figure 1 * * abstract * * claims 1-26 *	1,6,8
A	US 4 119 861 A (GOCHO CHOICHI) 10 October 1978 (1978-10-10) * figure 1 * * abstract * * claims 1-8 *	1,2,8
A	US 2002/067042 A1 (SUTER MARCO ET AL) 6 June 2002 (2002-06-06) * figure 1 * * abstract; claims 1-9 *	1,2,8
The present search report has been drawn up for all claims		
Date of completion of the search 21 June 2004		Examiner Wassenaar, G
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>		

ANNEX TO THE STANDARD SEARCH REPORT NO.

RS 110737
US 51795503

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-06-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0963035	A	08-12-1999	US 6023135 A	08-02-2000
			CA 2269348 A1	18-11-1999
			EP 0963035 A2	08-12-1999
			JP 11356097 A	24-12-1999
US 3780534	A	25-12-1973	US 3894856 A	15-07-1975
US 6484490	B1	26-11-2002	NONE	
EP 0529307	A	03-03-1993	US 5139548 A	18-08-1992
			AU 643906 B2	25-11-1993
			AU 2058892 A	04-02-1993
			CA 2074654 A1	01-02-1993
			CN 1069117 A	17-02-1993
			EP 0529307 A1	03-03-1993
			JP 2081617 C	23-08-1996
			JP 5196349 A	06-08-1993
			JP 7092322 B	09-10-1995
			KR 9500479 B1	20-01-1995
			NO 923009 A	01-02-1993
US 4119861	A	10-10-1978	NONE	
US 2002067042	A1	06-06-2002	EP 1189336 A1	20-03-2002